

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: US/10/S24,432  
Source: PG  
Date Processed by STIC: 2-24-05

# ***ENTERED***

*[Handwritten signature]*

#  
2



PCT

## RAW SEQUENCE LISTING

DATE: 02/24/2005

PATENT APPLICATION: US/10/524,432

TIME: 12:04:28

Input Set : A:\seq1st.txt

Output Set: N:\CRF4\02242005\J524432.raw

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4 <110> APPLICANT: Genzyme Corporation
5   The Johns Hopkins University
7 <120> TITLE OF INVENTION: BRAIN ENDOTHELIAL EXPRESSION PATTERNS
10 <130> FILE REFERENCE: 003482.00010
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/524,432
C--> 13 <141> CURRENT FILING DATE: 2005-02-15
15 <150> PRIOR APPLICATION NUMBER: US 60/403,390
16 <151> PRIOR FILING DATE: 2002-08-15
18 <150> PRIOR APPLICATION NUMBER: US 60/458,978
19 <151> PRIOR FILING DATE: 2003-04-01
21 <160> NUMBER OF SEQ ID NOS: 869
23 <170> SOFTWARE: FastSEQ for Windows Version 4.0
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 10
27 <212> TYPE: DNA
28 <213> ORGANISM: Homo sapiens
30 <400> SEQUENCE: 1
31 aaaccattct
33 <210> SEQ ID NO: 2
34 <211> LENGTH: 10
35 <212> TYPE: DNA
36 <213> ORGANISM: Homo sapiens
38 <400> SEQUENCE: 2
39 aaggcagggga
41 <210> SEQ ID NO: 3
42 <211> LENGTH: 10
43 <212> TYPE: DNA
44 <213> ORGANISM: Homo sapiens
46 <400> SEQUENCE: 3
47 acacagcaag
49 <210> SEQ ID NO: 4
50 <211> LENGTH: 10
51 <212> TYPE: DNA
52 <213> ORGANISM: Homo sapiens
54 <400> SEQUENCE: 4
55 agctggagtc
57 <210> SEQ ID NO: 5
58 <211> LENGTH: 10
59 <212> TYPE: DNA
60 <213> ORGANISM: Homo sapiens
62 <400> SEQUENCE: 5
63 agctggcacc
65 <210> SEQ ID NO: 6

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66 <211> LENGTH: 10
67 <212> TYPE: DNA
68 <213> ORGANISM: Homo sapiens
70 <400> SEQUENCE: 6
71 ataaatgagg 10
73 <210> SEQ ID NO: 7
74 <211> LENGTH: 10
75 <212> TYPE: DNA
76 <213> ORGANISM: Homo sapiens
78 <400> SEQUENCE: 7
79 caagcacccc 10
81 <210> SEQ ID NO: 8
82 <211> LENGTH: 10
83 <212> TYPE: DNA
84 <213> ORGANISM: Homo sapiens
86 <400> SEQUENCE: 8
87 cactaccac 10
89 <210> SEQ ID NO: 9
90 <211> LENGTH: 10
91 <212> TYPE: DNA
92 <213> ORGANISM: Homo sapiens
94 <400> SEQUENCE: 9
95 cactactcac 10
97 <210> SEQ ID NO: 10
98 <211> LENGTH: 10
99 <212> TYPE: DNA
100 <213> ORGANISM: Homo sapiens
102 <400> SEQUENCE: 10
103 cccacctcca 10
105 <210> SEQ ID NO: 11
106 <211> LENGTH: 10
107 <212> TYPE: DNA
108 <213> ORGANISM: Homo sapiens
110 <400> SEQUENCE: 11
111 cccgcctctt 10
113 <210> SEQ ID NO: 12
114 <211> LENGTH: 10
115 <212> TYPE: DNA
116 <213> ORGANISM: Homo sapiens
118 <400> SEQUENCE: 12
119 cctcagatgt 10
121 <210> SEQ ID NO: 13
122 <211> LENGTH: 10
123 <212> TYPE: DNA
124 <213> ORGANISM: Homo sapiens
126 <400> SEQUENCE: 13
127 cgctactcac 10
129 <210> SEQ ID NO: 14
130 <211> LENGTH: 10

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Input Set : A:\seq1st.txt

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131 <212> TYPE: DNA
132 <213> ORGANISM: Homo sapiens
134 <400> SEQUENCE: 14
135 ctaagacctc 10
137 <210> SEQ ID NO: 15
138 <211> LENGTH: 10
139 <212> TYPE: DNA
140 <213> ORGANISM: Homo sapiens
142 <400> SEQUENCE: 15
143 ctaagacttc 10
145 <210> SEQ ID NO: 16
146 <211> LENGTH: 10
147 <212> TYPE: DNA
148 <213> ORGANISM: Homo sapiens
150 <400> SEQUENCE: 16
151 gagtgggtgc 10
153 <210> SEQ ID NO: 17
154 <211> LENGTH: 10
155 <212> TYPE: DNA
156 <213> ORGANISM: Homo sapiens
158 <400> SEQUENCE: 17
159 gggacagctg 10
161 <210> SEQ ID NO: 18
162 <211> LENGTH: 10
163 <212> TYPE: DNA
164 <213> ORGANISM: Homo sapiens
166 <400> SEQUENCE: 18
167 gggttggctt 10
169 <210> SEQ ID NO: 19
170 <211> LENGTH: 10
171 <212> TYPE: DNA
172 <213> ORGANISM: Homo sapiens
174 <400> SEQUENCE: 19
175 gtaagtgtac 10
177 <210> SEQ ID NO: 20
178 <211> LENGTH: 10
179 <212> TYPE: DNA
180 <213> ORGANISM: Homo sapiens
182 <400> SEQUENCE: 20
183 gtaagtgtac 10
185 <210> SEQ ID NO: 21
186 <211> LENGTH: 10
187 <212> TYPE: DNA
188 <213> ORGANISM: Homo sapiens
190 <400> SEQUENCE: 21
191 gtaggggtaa 10
193 <210> SEQ ID NO: 22
194 <211> LENGTH: 10
195 <212> TYPE: DNA

```

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Input Set : A:\seq1st.txt

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```

196 <213> ORGANISM: Homo sapiens
198 <400> SEQUENCE: 22
199 taaccactgc 10
201 <210> SEQ ID NO: 23
202 <211> LENGTH: 10
203 <212> TYPE: DNA
204 <213> ORGANISM: Homo sapiens
206 <400> SEQUENCE: 23
207 tactgctcgg 10
209 <210> SEQ ID NO: 24
210 <211> LENGTH: 10
211 <212> TYPE: DNA
212 <213> ORGANISM: Homo sapiens
214 <400> SEQUENCE: 24
215 tcaggctgaa 10
217 <210> SEQ ID NO: 25
218 <211> LENGTH: 10
219 <212> TYPE: DNA
220 <213> ORGANISM: Homo sapiens
222 <400> SEQUENCE: 25
223 tccatacacc 10
225 <210> SEQ ID NO: 26
226 <211> LENGTH: 10
227 <212> TYPE: DNA
228 <213> ORGANISM: Homo sapiens
230 <400> SEQUENCE: 26
231 tcctttttaa 10
233 <210> SEQ ID NO: 27
234 <211> LENGTH: 10
235 <212> TYPE: DNA
236 <213> ORGANISM: Homo sapiens
238 <400> SEQUENCE: 27
239 tgattaaggt 10
241 <210> SEQ ID NO: 28
242 <211> LENGTH: 10
243 <212> TYPE: DNA
244 <213> ORGANISM: Homo sapiens
246 <400> SEQUENCE: 28
247 tggtatcaca 10
249 <210> SEQ ID NO: 29
250 <211> LENGTH: 10
251 <212> TYPE: DNA
252 <213> ORGANISM: Homo sapiens
254 <400> SEQUENCE: 29
255 tgggtgatgc 10
257 <210> SEQ ID NO: 30
258 <211> LENGTH: 10
259 <212> TYPE: DNA
260 <213> ORGANISM: Homo sapiens

```

## RAW SEQUENCE LISTING

DATE: 02/24/2005

PATENT APPLICATION: US/10/524,432

TIME: 12:04:28

Input Set : A:\seq1st.txt

Output Set: N:\CRF4\02242005\J524432.raw

|                                  |    |
|----------------------------------|----|
| 262 <400> SEQUENCE: 30           |    |
| 263 tgtcactggg                   | 10 |
| 265 <210> SEQ ID NO: 31          |    |
| 266 <211> LENGTH: 10             |    |
| 267 <212> TYPE: DNA              |    |
| 268 <213> ORGANISM: Homo sapiens |    |
| 270 <400> SEQUENCE: 31           |    |
| 271 tgtgggagggc                  | 10 |
| 273 <210> SEQ ID NO: 32          |    |
| 274 <211> LENGTH: 10             |    |
| 275 <212> TYPE: DNA              |    |
| 276 <213> ORGANISM: Homo sapiens |    |
| 278 <400> SEQUENCE: 32           |    |
| 279 tttaacggcc                   | 10 |
| 281 <210> SEQ ID NO: 33          |    |
| 282 <211> LENGTH: 10             |    |
| 283 <212> TYPE: DNA              |    |
| 284 <213> ORGANISM: Homo sapiens |    |
| 286 <400> SEQUENCE: 33           |    |
| 287 gctctctatg                   | 10 |
| 289 <210> SEQ ID NO: 34          |    |
| 290 <211> LENGTH: 10             |    |
| 291 <212> TYPE: DNA              |    |
| 292 <213> ORGANISM: Homo sapiens |    |
| 294 <400> SEQUENCE: 34           |    |
| 295 agaatgaaac                   | 10 |
| 297 <210> SEQ ID NO: 35          |    |
| 298 <211> LENGTH: 10             |    |
| 299 <212> TYPE: DNA              |    |
| 300 <213> ORGANISM: Homo sapiens |    |
| 302 <400> SEQUENCE: 35           |    |
| 303 aagtggaata                   | 10 |
| 305 <210> SEQ ID NO: 36          |    |
| 306 <211> LENGTH: 10             |    |
| 307 <212> TYPE: DNA              |    |
| 308 <213> ORGANISM: Homo sapiens |    |
| 310 <400> SEQUENCE: 36           |    |
| 311 gatgacgact                   | 10 |
| 313 <210> SEQ ID NO: 37          |    |
| 314 <211> LENGTH: 10             |    |
| 315 <212> TYPE: DNA              |    |
| 316 <213> ORGANISM: Homo sapiens |    |
| 318 <400> SEQUENCE: 37           |    |
| 319 ccctttcaca                   | 10 |
| 321 <210> SEQ ID NO: 38          |    |
| 322 <211> LENGTH: 10             |    |
| 323 <212> TYPE: DNA              |    |
| 324 <213> ORGANISM: Homo sapiens |    |
| 326 <400> SEQUENCE: 38           |    |

VERIFICATION SUMMARY

DATE: 02/24/2005

PATENT APPLICATION: US/10/524,432

TIME: 12:04:29

Input Set : A:\seqlst.txt

Output Set: N:\CRF4\02242005\J524432.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application Number

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date